

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/564,886 A  
Source: IFWJ  
Date Processed by STIC: 10/20/06

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IFWO

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/564,886A

DATE: 10/20/2006

TIME: 08:41:31

Input Set : F:\11168\_242.ST25 revised July 2006.txt

Output Set: N:\CRF4\10202006\J564886A.raw

3 <110> APPLICANT: McGill University  
 4 Sonenberg, Nahum  
 5 Lopez-Lastra, Marcelo  
 7 <120> TITLE OF INVENTION: Method for Inducing Hepatitis C Virus (HCV) Replication in  
 Vitro,  
 8 Cells and Cell Lines Enabling Robust HCV Replication and Kit  
 9 Therefor  
 11 <130> FILE REFERENCE: 11168.278  
 13 <140> CURRENT APPLICATION NUMBER: 10/564,886A  
 14 <141> CURRENT FILING DATE: 2006-01-17  
 16 <150> PRIOR APPLICATION NUMBER: CA 2,454,540  
 17 <151> PRIOR FILING DATE: 2004-02-06  
 19 <150> PRIOR APPLICATION NUMBER: CA 2,436,104  
 20 <151> PRIOR FILING DATE: 2003-07-14  
 22 <160> NUMBER OF SEQ ID NOS: 37  
 24 <170> SOFTWARE: PatentIn version 3.2  
 26 <210> SEQ ID NO: 1  
 27 <211> LENGTH: 266  
 28 <212> TYPE: DNA  
 29 <213> ORGANISM: Hepatitis C virus  
 32 <220> FEATURE:  
 33 <221> NAME/KEY: misc\_feature  
 34 <222> LOCATION: (157)..(157)  
 35 <223> OTHER INFORMATION: n = G or T  
 37 <400> SEQUENCE: 1  
 38 cactccccctg tgaggaacta ctgtttcac gcagaaaagcg tctagccatg gcgttagtat 60  
 40 gagtgctgtc cagcctccag gaccccccct cccgggagag ccatagtgtt ctgcggaaacc 120  
 W--> 42 ggtgagttaca ccggaaattgc caggacgacc gggtcnttc ttggataaac ccgcctcacat 180  
 44 gcctggat ttggcggtgc ccccgcaaga ctgctagccg agtagtgtt ggtcgcaaaa 240  
 46 ggcctgtgg tactgcctga tagggt 266  
 49 <210> SEQ ID NO: 2  
 50 <211> LENGTH: 265  
 51 <212> TYPE: DNA  
 52 <213> ORGANISM: Epstein Barr virus  
 54 <400> SEQUENCE: 2  
 55 cactccccctg tgaggaacta ctgtttcac gcagaaaagcg tctagccatg gcgttagtat 60  
 57 gagtgctgtc cagcctccag gaccccccct cccgggagag ccatagtgtt ctgcggaaacc 120  
 59 ggtgagttaca ccggaaattgc caggacgacc gggtcnttc ttggataaac ccgcctcaatg 180  
 61 cctggagatt tggcggtgc ccccgcaaaa tgctagccg agtagtgtt ggtcgcaaaa 240  
 63 ggcctgtgg tactgcctga tagggt 265  
 66 <210> SEQ ID NO: 3  
 67 <211> LENGTH: 226  
 68 <212> TYPE: DNA  
 69 <213> ORGANISM: Hepatitis C virus

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71 <400> SEQUENCE: 3  
 72 ccaggacccc ccctccggg agagccatag tggctgcgg aaccggtag tacaccggaa 60  
 74 ttgccaggac gaccgggtcc tttcttggat aaaccgctc aatgcctgaa gatttggcg 120  
 76 tgcccccgca agactgctag ccgagtagtg ttgggtcgcg aaaggccttg tggtaactgcc 180  
 78 ttaggggtg cttgcgagtg ccccgaggagg tctcgtagac cgtgca 226  
 81 <210> SEQ ID NO: 4  
 82 <211> LENGTH: 226  
 83 <212> TYPE: DNA  
 84 <213> ORGANISM: Epstein Barr virus  
 86 <400> SEQUENCE: 4  
 87 ccaggacccc ccctccggg agagccatag tggctgcgg aaccggtag tacaccggaa 60  
 89 ttgccaggac gaccgggtcc tttcttggat aaatccgctc aatgcctgaa gatttggcg 120  
 91 tgcccccgca agactgctag ccgagtagtg ttgggtcgcg aaaggccttg tggtaactgcc 180  
 93 ttaggggtg cttgcgagtg ctccggaggagg tctcgtagac cgtgca 226  
 96 <210> SEQ ID NO: 5  
 97 <211> LENGTH: 131  
 98 <212> TYPE: DNA  
 99 <213> ORGANISM: Hepatitis C virus  
 101 <400> SEQUENCE: 5  
 102 cactcccctg tgaggaacta ctgtcttac gcagaaagcg tctagccatg gcgttagtat 60  
 104 gagtgcgtg cagcctccag gaccccccct cccggagag ccatagtggt ctgcggaaacc 120  
 106 ggtgagtaca c 131  
 109 <210> SEQ ID NO: 6  
 110 <211> LENGTH: 131  
 111 <212> TYPE: DNA  
 112 <213> ORGANISM: Epstein Barr virus  
 114 <400> SEQUENCE: 6  
 115 cactcccctg tgaggaacta ctgtcttac gcagaaagcg tctagccatg gcgttagtat 60  
 117 gagtgcgtg cagcctccag gaccccccct cccggagag ccatagtggt ctgcggaaacc 120  
 119 ggtgagtaca c 131  
 122 <210> SEQ ID NO: 7  
 123 <211> LENGTH: 131  
 124 <212> TYPE: DNA  
 125 <213> ORGANISM: Epstein Barr virus  
 127 <400> SEQUENCE: 7  
 128 cactcccctg tgaggaacta ctgtcttac gcagaaagcg tctagccatg gcgttagtat 60  
 130 gagtgcgtg cagcctccag gaccccccct cccggagag ccatagtggt ctgcggaaacc 120  
 132 ggtgagtaca c 131  
 135 <210> SEQ ID NO: 8  
 136 <211> LENGTH: 131  
 137 <212> TYPE: DNA  
 138 <213> ORGANISM: Epstein Barr virus  
 140 <400> SEQUENCE: 8  
 141 cactcccctg tgaggaacta ctgtcttac gcagaaagcg tctagccatg gcgttagtat 60  
 143 gagtgcgtg cagcctccag gaccccccct cccggagag ccatagtggt ctgcggaaacc 120  
 145 ggtgagtaca c 131  
 148 <210> SEQ ID NO: 9  
 149 <211> LENGTH: 131  
 150 <212> TYPE: DNA

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151 <213> ORGANISM: Epstein Barr virus  
 153 <400> SEQUENCE: 9  
 154 cactccctgt tgaggaacta ctgtcttac gcagaaaagcg tctagccatg gcgttagtat 60  
 156 gagtgtcggt cagcctccag gaccccccct cccgggagag ccatagtggt ctgcggacc 120  
 158 ggtgagtaca c 131  
 161 <210> SEQ ID NO: 10  
 162 <211> LENGTH: 131  
 163 <212> TYPE: DNA  
 164 <213> ORGANISM: Epstein Barr virus  
 166 <400> SEQUENCE: 10  
 167 cactccctgt tgaggaacta ctgtcttac gcagaaaagcg tctagccatg gcgttagtat 60  
 169 gagtgtcggt cagcctccag gaccccccct cccgggagag ccatagtggt ctgcggacc 120  
 171 ggtgagtaca c 131  
 174 <210> SEQ ID NO: 11  
 175 <211> LENGTH: 171  
 176 <212> TYPE: DNA  
 177 <213> ORGANISM: Hepatitis C virus  
 179 <400> SEQUENCE: 11  
 180 cggaaattgcc aggacgaccg ggtcctttct tggataaacc cgctcaatgc ctggagattt 60  
 182 gggcgtgccc ccgcaagact gctagccgag tagtgggg tcgcgaaagg ctttgtggta 120  
 184 ctgcctgata gggtgcttgc gagtgccccc ggaggtctcg tagaccgtgc a 171  
 187 <210> SEQ ID NO: 12  
 188 <211> LENGTH: 171  
 189 <212> TYPE: DNA  
 190 <213> ORGANISM: Epstein Barr virus  
 192 <400> SEQUENCE: 12  
 193 cggaaattgcc aggacgaccg ggtcctttct tggataaacc cgctcaatgc ctggagattt 60  
 195 gggcgtgccc ccgcaagact gctagccgag tagtgggg tcgcgaaagg ctttgtggta 120  
 197 ctgcctgata gggtgcttgc gagtgccccc ggaggtctcg tagaccgtgc a 171  
 200 <210> SEQ ID NO: 13  
 201 <211> LENGTH: 171  
 202 <212> TYPE: DNA  
 203 <213> ORGANISM: Epstein Barr virus  
 205 <400> SEQUENCE: 13  
 206 cggaaattgcc aggacgaccg ggtcctttct tggataaacc cgctcaatgc ctggagattt 60  
 208 gggcgtgccc ccgcaagact gctagccgag tagtgggg tcgcgaaagg ctttgtggta 120  
 210 ctgcctgata gggtgcttgc gagtgccccc ggaggtctcg tagaccgtgc a 171  
 213 <210> SEQ ID NO: 14  
 214 <211> LENGTH: 171  
 215 <212> TYPE: DNA  
 216 <213> ORGANISM: Epstein Barr virus  
 218 <400> SEQUENCE: 14  
 219 cggaaattgcc gggaaactg ggtcctttct tggataaacc cactctatgc ccggccattt 60  
 221 gggcgtgccc ccgcaagact gctagccgag tagcgtggg ttgcgaaagg ctttgtggta 120  
 223 ctgcctgata gggtgcttgc gagtgccccc ggaggtctcg tagaccgtgc a 171  
 226 <210> SEQ ID NO: 15  
 227 <211> LENGTH: 171  
 228 <212> TYPE: DNA  
 229 <213> ORGANISM: Epstein Barr virus

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231 <400> SEQUENCE: 15  
 232 cggaaattgcc aggacgaccg ggtcctttct tggataaaacc cgctcaatgc ctggagattt 60  
 234 gggcgtgccc ccgcaagact gctagccgag tagtgttggg tcgcgaaagg ccttggta 120  
 236 ctgcctgata gggtgcttc gagtgcggc ggaggtctcg tagaccgtgc a 171  
 239 <210> SEQ ID NO: 16  
 240 <211> LENGTH: 171  
 241 <212> TYPE: DNA  
 242 <213> ORGANISM: Epstein Barr virus  
 244 <400> SEQUENCE: 16  
 245 cggaaattgcc aggacgaccg ggtcctttct tggattaatc cgctcaatgc ctggagattt 60  
 247 gggcgtgccc ccgcaagact gctagccgag tagtgttggg tcgcgaaagg ccttggta 120  
 249 ctgcctgata gggtgcttc gagtgcggc ggaggtctcg tagaccgtgc a 171  
 252 <210> SEQ ID NO: 17  
 253 <211> LENGTH: 383  
 254 <212> TYPE: DNA  
 255 <213> ORGANISM: Epstein Barr virus  
 257 <400> SEQUENCE: 17  
 258 gccagccccc tggatggggc gacactccac catgaatcac tccccctgtga ggaactactg 60  
 260 tcttcacgca gaaagcgtct agccatggcg ttagtatgag tgcgtgcag cttccaggac 120  
 262 ccccccctccc gggagagcca tagtggtctg cggaaaccgg ggttacaccg gaattggcag 180  
 264 gacgaccggg tccttcttg gataaaccgg ctcaatgcct ggagattgg gctgcccc 240  
 266 gcaagactgc tagccgagta gtgttgggtc gcaaaaggcc ttgtggtaact gcctgatagg 300  
 268 gtgcttgcga gtgccccggg aggtctcgta gaccgtgcac catgagcacg aatcctaaac 360  
 270 ctcaaagaaa aaccaaacgt aac 383  
 273 <210> SEQ ID NO: 18  
 274 <211> LENGTH: 26  
 275 <212> TYPE: DNA  
 276 <213> ORGANISM: Hepatitis C virus  
 278 <400> SEQUENCE: 18  
 279 atgggggcga cactccacca tgaatc 26  
 282 <210> SEQ ID NO: 19  
 283 <211> LENGTH: 25  
 284 <212> TYPE: DNA  
 285 <213> ORGANISM: Hepatitis C virus  
 287 <400> SEQUENCE: 19  
 288 gttacgtttg gttttcttt gaggt 25  
 291 <210> SEQ ID NO: 20  
 292 <211> LENGTH: 24  
 293 <212> TYPE: DNA  
 294 <213> ORGANISM: Hepatitis C virus  
 296 <400> SEQUENCE: 20  
 297 tgtcttcacg cagaaagcgt ctag 24  
 300 <210> SEQ ID NO: 21  
 301 <211> LENGTH: 23  
 302 <212> TYPE: DNA  
 303 <213> ORGANISM: Hepatitis C virus  
 305 <400> SEQUENCE: 21  
 306 caagcacccatcaggcagt acc 23  
 309 <210> SEQ ID NO: 22

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310 <211> LENGTH: 20  
 311 <212> TYPE: DNA  
 312 <213> ORGANISM: Artificial Sequence  
 314 <220> FEATURE:  
 315 <223> OTHER INFORMATION: Synthetic Oligonucleotide  
 317 <400> SEQUENCE: 22  
 318 gtggggcgcc ccaggcacca 20  
 321 <210> SEQ ID NO: 23  
 322 <211> LENGTH: 24  
 323 <212> TYPE: DNA  
 324 <213> ORGANISM: Artificial Sequence  
 326 <220> FEATURE:  
 327 <223> OTHER INFORMATION: Synthetic Oligonucleotide  
 329 <400> SEQUENCE: 23  
 330 gtccttaatg tcacgcacga ttcc 24  
 333 <210> SEQ ID NO: 24  
 334 <211> LENGTH: 21  
 335 <212> TYPE: DNA  
 336 <213> ORGANISM: Hepatitis C virus  
 338 <400> SEQUENCE: 24  
 339 gaagatgact tagatgttgt t 21  
 342 <210> SEQ ID NO: 25  
 343 <211> LENGTH: 23  
 344 <212> TYPE: DNA  
 345 <213> ORGANISM: Hepatitis C virus  
 347 <400> SEQUENCE: 25  
 348 aacccttgata aggtgccatg ctt 23  
 351 <210> SEQ ID NO: 26  
 352 <211> LENGTH: 21  
 353 <212> TYPE: DNA  
 354 <213> ORGANISM: Artificial Sequence  
 356 <220> FEATURE:  
 357 <223> OTHER INFORMATION: Synthetic Oligonucleotide  
 359 <400> SEQUENCE: 26  
 360 cgtctagcca tggcgtagg t 21  
 363 <210> SEQ ID NO: 27  
 364 <211> LENGTH: 17  
 365 <212> TYPE: DNA  
 366 <213> ORGANISM: Artificial Sequence  
 368 <220> FEATURE:  
 369 <223> OTHER INFORMATION: Synthetic Oligonucleotide  
 371 <400> SEQUENCE: 27  
 372 cctgcgcggc aagtaaa 17  
 375 <210> SEQ ID NO: 28  
 376 <211> LENGTH: 18  
 377 <212> TYPE: DNA  
 378 <213> ORGANISM: Artificial Sequence  
 380 <220> FEATURE:  
 381 <223> OTHER INFORMATION: Synthetic Oligonucleotide

RAW SEQUENCE LISTING ERROR SUMMARY                   DATE: 10/20/2006  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 157

**VERIFICATION SUMMARY**

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L:42 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:120